

HADMOO

H. DAVIDSON

1.

Title of Invention: Hybrid Tea rose named 'HADMOO'

Inventor: Harvey D. Davidson

Address: 3 El Verano Rd., Orinda. Calif. 94563

BOTANICAL/COMMERCIAL CLASSIFICATION

Rosa hybrida/Hybrid Tea Rose Plant

SPECIFICATION

The present invention relates to a new and distinctive cultivar of rose plant of the Hybrid Tea class, which was originated by my crossing 'Smooth Perfume' as the seed parent with 'Blue Boy' as the pollen parent.

Among the novel characteristics possessed by the new cultivar which distinguish it from:

(a) All other cultivars of which I am aware are:

- (1) Prickles being absent from any stems.
- (2) Large lavender flower with light pink to red petal edges.
- (3) Single flower to the stem.
- (4) Intense old damask fragrance.
- (5) Very consistent free bloomer.

(b) Seed parent: Light lavender cluster flowers; no prickles.

Pollen parent: Low growing; lavender flowers; few prickles.

Asexual reproduction of the new rose cultivar by budding onto the rootstock 'Dr. Huey', as performed at Wasco, California, shows that the aforementioned and all other distinctive characteristics come true to form and are established and transmitted through succeeding propagations.

The accompanying drawing shows typical specimens of the vegetative growth and flowers of the new cultivar in different stages of development and as depicted in color as nearly true as it is reasonably possible to make the same in a color illustration of this character.

The following is a detailed description of my new cultivar, with color terminology in accordance with the Royal Horticultural Society Colour Chart (RHSCC). The terminology used in the color description herein refers to plate numbers such as: 'Yellow Group 16A' found in Fan 1 of the Royal Horticultural Society Colour Chart.

Parentage:

Seed parent: IRAR registered: 'Smooth Perfume'; Class Hybrid Tea;
U.S. Plant Patent - #7728.

Pollen parent: 'Blue Boy'; Class Hybrid Tea; U.S. Plant Patent: None.

The following observations are made of specimens grown outdoors in Orinda, Contra Costa County, California, in the month of October, 2003.

FLOWER

Blooming habit:

A. Bud:

- (1) Size: Sepals enclosed, 20-22mm from base of sepals to top of bud.
- (2) Form: Ovoid.
- (3) Sepals: 22 to 27mm in length; 4 to 7mm extension beyond bud; no serration shown on sepal edges.

Generally 3 out of 5 sepals show appendages on each side, 2 to 4mm length. Sepals show glandular development on edges. Heavy cotton matting on inner surface, fine matting on outer surface. Outside color: near to Red Group 38B with slight shadings of Greyed Red Group 181B; inside: Greyed Green Group 196A.

- (4) Peduncle: Length - 6 to 7cm. Surface: smooth. some fine hairs, no glandular hairs, no prickles. Strength: firm. Color: near to Yel. Green 146C with shades of Greyed Orange Group 175B.
- (5) Receptacle: Shape: Oblong, 10-12mm diameter; Color: same peduncle.
- (6) Color: When sepals first divide, outside bud petals with shadings near to Red Groups 63B-C and 62D.

B. Bloom:

- (1) Size: When open : 10-12cm.
- (2) Borne: one flower per stem.
- (3) Form: Globular.
- (4) Petalage: Average - 36 to 40.
- (5) Color: Early open: outside petals with mixed shadings of Red Groups 63B-C and 62D; inside petals similar to outside petals with shadings of Purple Group 74C and D on petal outer areas.
Aging petals: near Purple Group 76C and D.

C. Petals:

- (1) Texture: Firm.
- (2) Appearance: Flexed; satiny.
- (3) Form: Early stages, symmetrically spaced. Aging: Loses symmetry.
- (4) Arrangement: Regular.

- (5) Petaloids in center: Average 10 to 12.
- (6) Persistance: Holds well; petals drop cleanly at end of bloom.
- (7) Fragrance: Intense 'Old Damask'.
- (8) Lasting quality: On bush: 6-7 days; cut 4-6 days.

REPRODUCTIVE ORGANS

A. Stamen:

- (1) Arrangement: Regular around styles.
- (2) Number: Average: 140-150.
- (3) Length: Average: 5 to 10mm from base.
- (4) Filaments: Color: Close to Yellow Orange Group 20D.
- (5) Anthers: Color: Yel. Orange Grp. 20D.
- (6) Pollen: Color: - Yel. Orange Grp. 23B.

B. Pistil:

- (1) Styles: Length: 7-12mm from center of ovary; number 120-125;
color: near to Red Grp. 51B; sparsely coated with white hairs.
- (2) Stigma: Color - Close to Yel. Grp. 13D.
- (3) Ovary: Shape - oblong; 7-8mm center cross section at sepal base.

C. Hips: Sets seed. Mature hip: 2-2½cm; Shape: Round.

Color: Yel. Green 146C with shades near to Orange Grp. 28B.

PLANT

- A. Form: Upright.
- B. Growth: Height: average 1m; Width: average 50cm.
- C. Stem length: Basal break to flower bud tip: average 90-100cm.
- D. Foliage: Compound of 3 to 5 leaflets on bloom stem; 5 to 7 leaflets
on main canes.

- (1) Quantity: Stems well covered.
- (2) Color: New foliage: Upper side near to Yel. Green 147B with slight shading of Greyed Orange 176C on leaf edges; under side near to Yel. Green 147C. Old foliage: Upper side near to Yel. Green 147A; under side near to Yel. Green 146B.
- (3) Shape: Mature 5 leaflet: Length: stipule base to tip of leaflet - 10 $\frac{1}{2}$ -11 $\frac{1}{2}$ cm. Center end leaflet: Oval and pointed. Length: 5-6cm; Width: 4-4 $\frac{1}{2}$ cm.
- (4) Texture: Firm, leathery, gloss finish.
- (5) Edge: Serration on outer edge: Average 5 to 6 points per 1cm, with $\frac{1}{2}$ to 1mm peak.
- (6) Rachis: Very few glandular hairs on lower and upper side. No prickles on lower side.
- (7) Stipules: Length 15-16mm; auricle to 3-4mm. Edge of stipule to tip of auricle with many glandular hairs.

E. Resistance to disease: Powdery mildew: good. Rust and blackspot: Fair.

F. Wood:

New wood - Color close to Yel. Green 146C; shadings near to Greyed Orange Group 176C; Bark - smooth.

Old Wood - Color close to Yel. Green 147B; Bark - smooth.

G. Prickles: None

H. Winter hardiness: Average.

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